

Southeast Wisconsin Projections

2004-2006

The Southeast Wisconsin WDA, which consists of Kenosha, Racine, and Walworth counties, is expected to grow from 170,280 jobs in 2004 to 174,320 in 2006. This translates to a growth rate of 2.4 percent and 4,040 new jobs.

Overall, there will be 12,840 job openings in the region over the two year period. Two out of every three openings will be due to replacement openings, or openings due to people permanently leaving an occupation. The remaining 33 percent of openings are due to newly created jobs.

Industries in Southeast Wisconsin

The greatest number of expected new jobs is in education and health services. This industry group is growing from 33,600 jobs to 34,880 between 2004 and 2006, at a rate of 3.8 percent (see chart above). Information, professional and other services has the second largest number of expected new jobs, growing 2.9 percent, and leisure and hospitality has the third largest number, also growing 2.9 percent over the two year period.

The fastest growing industry group is construction, mining, and natural resources. This group is projected to increase 5.1 percent, from 8,280 in 2004 to 8,700 in 2006. This industry group is dominated by the construction in-

dustry, which is expecting strong growth throughout the state.

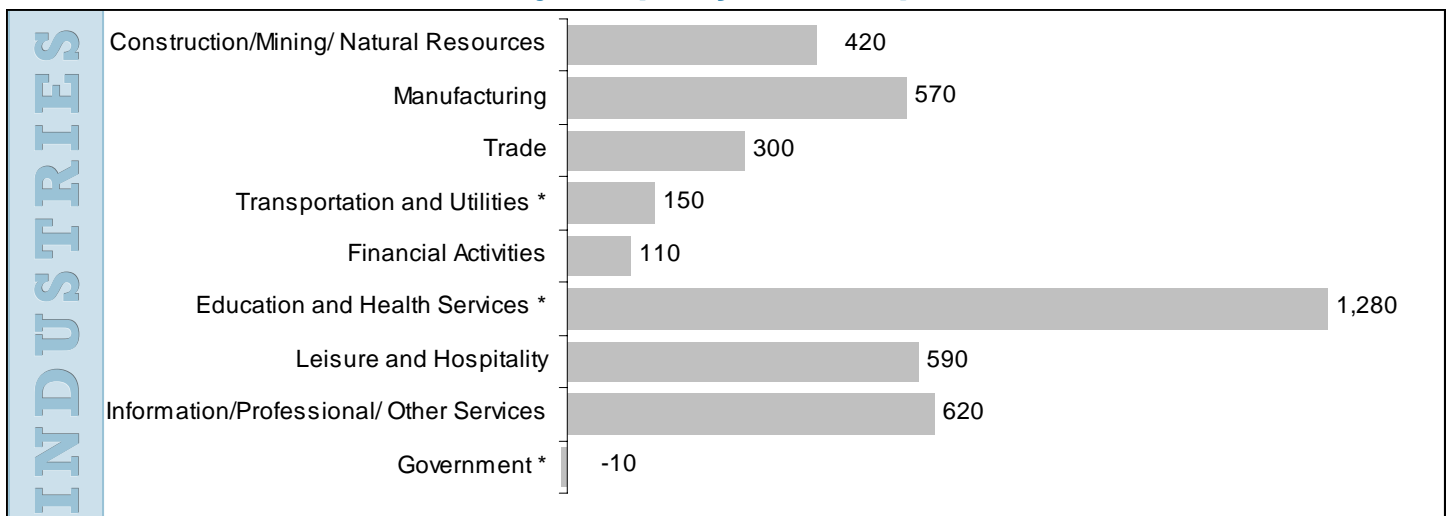
Although some sectors of manufacturing are expected to decrease, overall the employment change in manufacturing in southeast Wisconsin is projected to be positive. Growing 1.5 percent over the two years, manufacturing is expected to grow from 38,150 in 2004 to 38,720 in 2006.

Occupations in Southeast Wisconsin

Looking at the chart below, service occupations (including healthcare support, food preparation, protective service, and others) have the most projected annual average job openings. Most of these openings, nearly 1,300, are from replacement openings. The remaining are the result of new jobs as the occupations in this group increase 3.3 percent.

Professional and related occupations, including health-care practitioners, legal, computer, and other occupations, are expected to have the next largest number of average annual job openings. Slightly more than half of these openings, or 520, are from replacements openings. The remaining annual openings are from newly created jobs as this group is expected to increase from 28,860 in 2004 to 29,810 in 2006, at a rate of 3.3 percent.

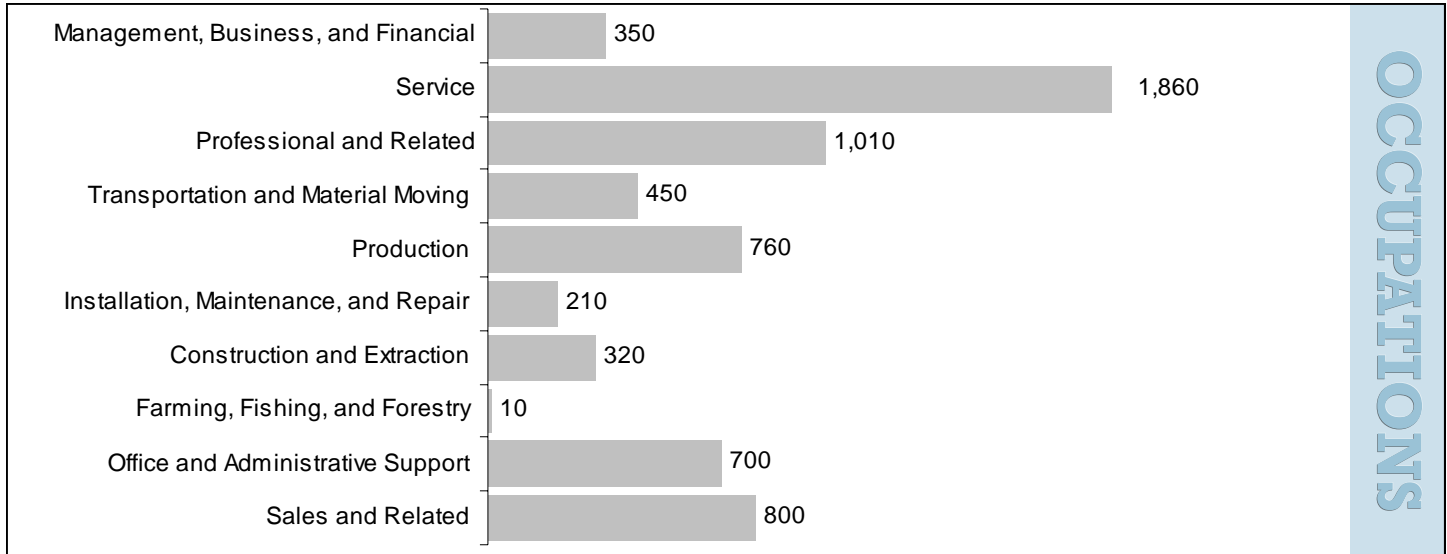
New Jobs by Major Industry, 2004-2006



1. Government does not include local and state employment in education and hospitals, or the US Postal Service, but does include tribal operations.
2. Transportation and Utilities includes the US Postal Service.
3. Education and Health Services includes state and local government employment in education and hospitals.

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Average Annual Job Openings by Major Occupational Group, 2004-2006



OCCUPATIONS

Construction and extraction occupations are expected to have the fastest growth between 2004 and 2006. Increasing 5 percent from 7,470 to 7,840, this group is expected to have 320 annual openings. Sixty percent of these openings, or 190, are from newly created jobs. The remaining 40 percent are from replacement openings. This is the only occupational group to have more new jobs than replacements. This growth is a result of a continued increase in employment in the construction industry.

Education and Training

Each occupation is placed in an education and training category. This category is determined by the degree of education and training required to enter the occupation by the majority of job entrants. In the chart below, employment and annual average job openings are given for each education/training category.

The group with the largest employment in 2004 and 2006

is short-term on-the-job training. Short-term on-the-job training is training received at the workplace of less than one month. This group accounts for 39 percent of employment in 2004. It also has the greatest number of annual openings, making up 49 percent of total annual openings. Of the openings of occupations in this category, 73 percent are from replacement openings.

The next largest training category is moderate-term on-the-job training. This is training at the workplace of 1-12 months. The occupations in this group are 23 percent of employment in 2004, and 21 percent of total annual job openings.

The third largest group of occupations are those requiring a bachelor's degree. This group of occupations make up 12 percent of employment in 2004, and 12 percent of total annual openings, as well. More than half (61 percent) of the openings of occupations in this category are from new jobs.

Education and Training Categories					
Education/Training Level	Employment		Annual average		
	2004	2006	New Jobs	Replacements	Total Openings
First professional degree	1,560	1,600	30	10	40
Doctoral degree	1,290	1,370	80	0	80
Master's degree	3,170	3,250	80	50	130
Bachelor's or higher degree, plus work exp.	4,970	5,130	130	60	190
Bachelor's degree	20,020	20,660	460	290	750
Associate degree	4,380	4,510	100	30	130
Postsecondary vocational training	7,150	7,310	150	130	280
Work experience in a related occupation	9,550	9,800	190	180	370
Long-term on-the-job training	13,370	13,760	270	240	510
Moderate-term on-the-job training	39,060	39,800	590	780	1,370
Short-term on-the-job training	66,070	67,420	860	2,310	3,170
Total, All Occupations	170,280	174,320	2,020	4,400	6,420

The category that is increasing the fastest is also the smallest group. Occupations requiring a doctoral degree are expected to increase from 1,290 in 2004 to 1,370 in 2006, at a rate of 6.2 percent. All of the openings of occupations in this group are the result of new jobs.

Top Jobs in Southeast Wisconsin

These jobs have higher than average wages and are ranked by total job openings.
Shown are ten occupations from each education/training category. Continued on next page.

	Occupation Title	2004	2006	Change	Percent Change	Total Job Openings	Avg. Annual Wage
More than a Bachelor Degree	General/Operations Managers	1,700	1,750	50	2.94%	60	\$97,541
	Clergy	680	690	10	1.47%	20	\$39,148
	Child/Family/School Social Workers	350	360	10	2.86%	20	\$35,237
	Pharmacists	280	300	20	7.14%	20	\$89,159
	Sales Managers	280	290	10	3.57%	20	\$91,788
	Education Administrators, Postsecondary	190	200	10	5.26%	20	\$64,700
	Lawyers	340	350	10	2.94%	10	\$75,988
	Management Analysts	260	270	10	3.85%	10	\$94,496
	Education Administrators, Elem & Secondary School	240	240	0	0.00%	10	\$75,842
	Medical/Health Services Managers	230	240	10	4.35%	10	\$76,435
Bachelor Degree	Registered Nurses	2,660	2,780	120	4.51%	110	\$52,051
	Secondary School Teachers Ex Special/Vocational Ed	1,390	1,420	30	2.16%	60	\$43,755
	Elementary School Teachers Ex Special Ed	1,670	1,700	30	1.80%	50	\$39,332
	Accountants/Auditors	1,070	1,100	30	2.80%	40	\$55,755
	Middle School Teachers, Ex Special/Vocational Ed	920	930	10	1.09%	30	\$41,681
	Mechanical Engineers	490	500	10	2.04%	20	\$63,766
	Purchasing Agents Ex Wholesale/Retail/Farm	430	450	20	4.65%	20	\$47,311
	Industrial Engineers	360	370	10	2.78%	20	\$64,747
	Industrial Production Managers	360	370	10	2.78%	20	\$75,695
	Cost Estimators	290	300	10	3.45%	20	\$49,748
Associate Degree	Computer Support Specialists	370	380	10	2.70%	10	\$39,800
	Dental Hygienists	300	310	10	3.33%	10	\$56,371
	Radiologic Technologists/Techs	230	240	10	4.35%	10	\$44,182
	Electrical/Electronic Engineering Techs	200	210	10	5.00%	10	\$40,666
	Respiratory Therapists	80	90	10	12.50%	10	\$46,465
	Physical Therapist Assts	70	80	10	14.29%	10	\$33,861
	Cardiovascular Technologist/Technicians	30	40	10	33.33%	10	\$36,604
	Industrial Engineering Techs	120	120	0	0.00%	0-5	\$40,721
	Paralegals/Legal Assts	110	110	0	0.00%	0-5	\$41,249
	Mechanical Engineering Techs	100	100	0	0.00%	0-5	\$42,390
Postsecondary Vocational	Licensed Practical/Vocational Nurses	610	620	10	1.64%	20	\$34,061
	Bus/Truck Mechanics/Diesel Engine Specialists	290	300	10	3.45%	20	\$35,667
	Mechanical Drafters	250	250	0	0.00%	10	\$45,981
	Elec Repairers/Comm/Ind Equipment	60	70	10	16.67%	10	\$37,425
	Surgical Technologists	120	120	0	0.00%	0-5	\$40,716
	Telecom Equipment Installers/Repairers/Ex Line Inst	120	120	0	0.00%	0-5	\$42,948
	Mobile Hvy Eqpmnt Mechs/Ex Engns	110	110	0	0.00%	0-5	\$43,728
	Computer/ATM/Office Machine Repairers	80	80	0	0.00%	0-5	\$42,924
	Real Estate Sales Agents	70	70	0	0.00%	0-5	\$47,929
	Aircraft Mechanics/Service Techs	60	60	0	0.00%	0-5	\$35,303

Top Jobs in Southeast Wisconsin

		2004	2006	Change	Percent Change	Total Job Openings	Avg. Annual Wage
Work Exp. In Related Occ	First-line Sups/Managers of Production/Operating Workers	1,620	1,670	50	3.09%	60	\$50,414
	First-line Sups/Managers -Office/Admin Support Workers	1,370	1,370	0	0.00%	30	\$41,478
	First-line Sups/Managers of Retail Sales Workers	1,300	1,320	20	1.54%	30	\$36,446
	First-line Sups/Managers Const Trades/Extraction Workers	520	550	30	5.77%	30	\$61,134
	First-line Sups/Managers Help/Lab/Material Movers	270	280	10	3.70%	20	\$42,508
	First-line Sups/Managers of Personal Serving Workers	180	190	10	5.56%	20	\$36,157
	First-line Sups/Managers of Mechanics/Installers/Repairers	550	550	0	0.00%	10	\$51,778
	First-line Sups/Managers Trans/Material-Moving Operators	280	280	0	0.00%	10	\$42,675
	First-line Sups/Managers of non-Retail Sales Workers	250	260	10	4.00%	10	\$76,380
	Food Service Managers	240	250	10	4.17%	10	\$39,788
Long-Term On-the-job Trn	Maintenance/Repair Workers/General	1,680	1,720	40	2.38%	50	\$33,727
	Carpenters	1,420	1,480	60	4.23%	50	\$37,840
	Machinists	1,210	1,230	20	1.65%	40	\$34,505
	Electricians	700	750	50	7.14%	40	\$54,122
	Police/Sheriff's Patrol Officers	690	710	20	2.90%	30	\$46,935
	Plumbers, Pipefitters, Steamfitters	510	540	30	5.88%	30	\$56,815
	Industrial Machinery Mechanics	530	550	20	3.77%	20	\$43,265
	Fire Fighters	510	520	10	1.96%	20	\$39,656
	Tool/Die Makers	410	420	10	2.44%	20	\$42,633
	Automotive Body/Related Repairers	310	310	0	0.00%	10	\$37,779
Moderate-Term On-the-job Trn	Truck Drivers/Heavy/Tractor-Trailer	2,360	2,460	100	4.24%	90	\$35,623
	Sales Reps/Wholesale/Manufacturing/Ex Tech/Sci Prod	2,130	2,190	60	2.82%	90	\$66,679
	Construction Laborers	960	1,000	40	4.17%	30	\$38,320
	Operating Engineers/Other Const Equipment Operators	550	570	20	3.64%	20	\$48,674
	Grind/Lap/Polish/Buff Setters/Operators/Tenders/M/P	480	490	10	2.08%	20	\$33,975
	Correctional Officers/Jailers	420	430	10	2.38%	20	\$34,880
	Multi Machine Tool Setters/Operators/Tenders/M/P	410	430	20	4.88%	20	\$36,845
	Sales/Related Workers/All Other	420	430	10	2.38%	20	\$39,290
	Sales Reps/Wholesale/Manufacturing/Tech/Sci Prods	400	410	10	2.50%	20	\$68,408
	Cement Masons and Concrete Finishers	330	350	20	6.06%	20	\$41,666
Short-Term O-J-T	Production/Plan/Expediting Clerks	490	500	10	2.04%	20	\$39,318
	Postal Service Mail Carriers	350	340	-10	-2.86%	10	\$42,862
	PS Mail Sort/Proc/Proc Machine Operators	230	220	-10	-4.35%	10	\$37,017
	Court/Municipal/License Clerks	140	140	0	0.00%	0-5	\$34,178
	Helpers-Brick/Block/Stone/Tile/Marble	60	60	0	0.00%	0-5	\$35,163
	Postal Service Clerks	60	60	0	0.00%	0-5	\$41,590

This data is based on the 2004-2006 Regional Wisconsin Projections. To see detailed projections data, please visit our website at http://dwd.wisconsin.gov/oea/employment_projections.htm.

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